Memorandum

**To:**  R.M. Schafer  
**From:** Team AutoBev  
**Date:** March 7, 2011  
**Subject:** Meeting Seven Minutes

Team Leader: Mark

Minutes: Alex

1. **Updates/Questions:**

* Database is functional right now. Keeps track of customer’s credit card track and night’s total. It can create new customer if they are not in the database.

1. **GUI**
2. **Serial Interface**

* Better to make receive data event an interrupt rather than polling receive buffer.

1. **Microcontroller**

* Look at how much program memory when linking to decide how much memory we need on µC
* We do not need EEPROM
* One step down from the kit board is 64K with 44 input and output pins
  + Need serial port
* Greater than 44 pins is .5 (we do not need 44 pins)
* **Bartender Interface**
* To do: Get Form to replace console on server side
* Data receive functionality in main program

1. **Board**

* Find bigger voltage regulator (Mark)
  + Hotter components cannot handle as much current so make sure it is properly heat sinked
* The kit board is surface mount which is easy to solder
* Need a power brick in order to source enough current
  + Should be around 12-15V

1. **Subsystem Demo**

* Friday, 12:30
* Subsystems do not have to be integrated, can be prototype programs

1. **Additional Comments/Questions**

Count total ounces poured out of keg and tell bartender the percentage left